Fatal and non-fatal accidents in hydroelectric plant construction work in Japan in 1999-2022

hydroelectric plant construction work industry Code No.030101

Type of accidents in hydroelectric plant construction work in 1999-2022

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
fall from height	13	9	12	10	7	5	5	3	10	5	5	3	8	3	3	7	5	3	2	6	8	4	6	8	150
falling to same level	8	6	4	6	3	2	3	2	2	1	2	2	2	2			1	7	3	1	1	2	2	2	64
crash	3	2		1	1		1		1	1	3		1	2					2	3					21
struck by flying or falling object	6	5	3	4	3	5	5	3	4	3	1			3	1	4	2	2	2		2	2	3	1	64
collapse	2	2	4	1	2		2			2	2	1		1	3		1	1	1	1	1				27
crashed by	3	2	3	4		2	2	1	2	2	5	3	4		1	3	3		1		2	1	2	5	51
caught in/between	6	4	5	6	4	5	5	6	2	5	6	2	5	2	3	3	5	4	3	5	5	7	4	5	107
cut	1		4	3			2	1	1	2	1	1				1	1	1				2	1		22
injury to the sole of the foot		1	1																						2
drown						1					1		1			1				1					5
contact to high/low-			1							1	1		1	1						1		1	1		8

temperature																									
contact to harmful substance		1			1			2				1					1					1			7
electric shock			1																						1
explosion																									
burst																									
fire																									
traffic accident (public road)	2		1	1	1			3	2	2	2	4	2	3		1	1	1		1	1		2	1	31
traffic accident (others)													1												1
reaction to motion/improper motion			1		1	2	1		1	2	1				1	1	2			3		1	1		18
others		1		1		1		1										1			2	2	12	1	22
unclassifiable																									
total	44	33	40	37	23	23	26	22	25	26	30	17	25	17	12	21	22	20	14	22	22	23	34	23	601

Causal agents (large) of fatal and non-fatal accidents in hydroelectric plant construction work in 1999-2022

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
machine	9	5	11	6	7	3	6	5	2	5	7	5	3	3	1	5	2	6	2	1	2	4	1	6	107

crane, conveying machine	6	7	4	5	4	2	3	5	8	6	8	4	10	5		4	6	2	2	6	9	5	8	6	125
other equipment	7	5	5	7	2	5	1	3	2	5	1		4		2	3	1	2	4	3	1	5	5	3	76
temporary buildings, establishments	14	8	11	9	5	7	7	3	6	3	6	2	4	7	1	5	3	6	3	7	2	3	5	5	132
substance, material	3	6	2	5	3	3	5	4	2		2			1	4	2	5	1	1	2	4	2			57
load	1			1			1	1	1		1		1		1			1	1						10
environment	4	1	6	3	1	2	3	1	4	6	4	6	2	1	2	1	3	2	1	1	3	2	2	2	63
others		1	1	1	1	1				1	1		1		1	1	2			2	1	2	13	1	31
total	44	33	40	37	23	23	26	22	25	26	30	17	25	17	12	21	22	20	14	22	22	23	34	23	601

Causal agents (middle) of fatal and non-fatal accidents in hydroelectric plant construction work in 1999-2022

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
engine																									
power transmission mechanism			1							1															2
woodworking machine	1		3	1				1			1	1										2	1		11

construction machine	8	5	6	3	6	3	4	2		3	4	4	2	2	1	5	1	4	2	1	2	1		6	75
metal manufacturing machine				1	1		1		2		1							1							7
general machine			1	1			1	2		1	1		1	1			1	1				1			12
mobile silviculture machine																									
crane	2	3	1				1	1	1	1	1		5			3	3			1	3	3	1	2	32
conveying machine	3	3	2	3	3	2	2	1	4	3	5		4	3		1	2	1	2	4	4	2	5	3	62
vehicle	1	1	1	2	1			3	3	2	2	4	1	2			1	1		1	2		2	1	31
pressure vessel																									
chemical facilities																									
welding equipment											1											2			3
kiln, caldron																									
electric equipment		1	1							1														1	4
human power machine, tools	1	1	1			2	1	1	1	1			1									1			11
tools	5	2	3	4	1	2		2		2			3		2	2	1	2	4	3	1	1	4	2	46

other equipments, facilities	1	1		3	1	1			1	1						1						1	1		12
temporary buildings, establishments	14	8	11	9	5	7	7	3	6	3	6	2	4	7	1	5	3	6	3	7	2	3	5	5	132
hazards, harmful substances		1			1			2									1					1			6
materials	3	5	2	5	2	3	5	2	2		2			1	4	2	4	1	1	2	4	1			51
load	1			1			1	1	1		1		1		1			1	1						10
natural environment	4	1	6	3	1	2	3	1	4	6	4	6	2	1	2	1	3	2	1	1	3	2	2	2	63
other causal agent		1		1																		2	12	1	17
no causal agent			1		1	1				1	1				1	1	1			2	1		1		12
unclassifiable													1				1								2
total	44	33	40	37	23	23	26	22	25	26	30	17	25	17	12	21	22	20	14	22	22	23	34	23	601

Causal agents (small) of fatal and non-fatal accidents in hydroelectric plant construction work in 1999-2022

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
engine																									
power transmission mechanism			1							1															2

circular sawing machine			3								1	1										2			7
band sawing machine																									
wood planer machine								1																	1
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine																									
chain saw																							1		1
other woodworking machines																									
leveling, transporting or loading machine			1		1			2				1							1		1				7
excavating machine			2		2		1			1	3	2	1			2		2	1					2	19
foundation work machine																2				1					3

hardening machine																									
demolition machine							1									1		1						2	5
vehicle for high lift work																					1				1
other construction machines			3		3		2			2	1	1	1	2	1		1	1				1		2	21
lathe																									
drill press, milling machine											1														1
grinding machine, buffing machine					1		1		1									1							4
power press																									
forging pressure hammer									1																1
shearing machine																									
other metal manufacturing machines																									
centrifugal machine																									
mixer, grinder																									
roll machine (except printingroll																									

machine)																									
injection molding machine																									
food manufacturing machine																									
printing machine																									
industrial robot																									
other general power machines			1				1	2		1	1		1	1			1	1				1			11
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane									1				1				1					1			4
mobile crane			1				1	1		1	1		2			3	2			1		2	1	2	18
derrick crane																									
elevator, lift													1												1
cargo lifting appliance																									

gondola																									
lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane													1								3				4
truck					2		1	1	3	3	3		4	3		1	1	1		1	2	2	3	1	32
forklift																	1								1
railway equipment									1												1		1		3
conveyor							1												1	1				1	4
loader																									
straddle carrier																									
rough terrain hauler			1								1									2	1				5
other powered conveying machines			1		1						1								1				1	1	6
cars, bus, motorcycle			1		1			3	2	2	2	4	1	2			1	1		1	2		2	1	26
railway vehicle																									
other vehicles									1																1

boiler																									
pressure vessel																									
other pressure vessels																									
chemical facilities																									
gas welding equipment											1														1
arc welding equipment																						2			2
other welding equipment																									
kiln, caldron																									
industrial dryer																									
other kiln, caldron																									
transmission										1														1	2
electric power facilities																									
other electrical equipment			1																						1
human power cranes																									
human power																									

hauling equipment			1					1	1																3
human power machine																									
hand tool							1			1			1									1			4
ladder					1			1					2		2	1	1		1	2	1		2	1	15
slinging tool			2					1		1			1						2	1			1		9
other tools			1							1						1		2	1			1	1	1	9
other equipment, facilities					1				1	1						1						1	1		6
scaffolding			3		1				2					2		1	2	1	1	2		1	3	1	20
timbering							1		2																3
stairs, landing stage			2									1	1	1		1		1	1	1				1	10
opening							1							1	1	1									4
roof, beam, haze, crossbeam, principal rafter																	1								1
working platform, boot board			1		1							1				1									4
passage			3				2	1	2	2				1				2	1	1		1		2	18
building, establishment			1		3		2	1			4		2	1		1				2	2		2	1	22

other temporary buildings, establishments			1				1	1		1	2		1	1				2		1		1			12
explosive substance																									
inflammable substance																									
inflammable gas																									
harmful substance								2									1								3
radiation																									
other hazards, harmful substances					1																	1			2
metal material			1		1		4	1	2		1				2	1	3	1	1	1	2	1			22
lumber, bamboo							1				1									1	2				5
stone, sand, substance			1		1			1						1			1								5
other materials															2	1									3
load								1	1		1		1		1			1	1						7
machine/equipment as load							1																		1
natural ground, rock			5		1		1		3	6	1	2		1	2	1	3	1			1	1		1	30
standing tree							1				1	2							1				1		6

water													1							1	1				3
abnormal environment												1													1
high/cold temperature environment			1										1										1		3
other environments							1	1	1		2	1						1			1	1		1	10
other causal agent																						2	12	1	15
no causal agent			1		1					1	1				1	1	1			2	1		1		11
unclassifiable													1				1								2
total	44	33	40	37	23	23	26	22	25	26	30	17	25	17	12	21	22	20	14	22	22	23	34	23	601

Workers age of fatal and non-fatal accidents in hydroelectric plant construction work in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
19 years old or less	2		1		1		1	1			1		1								1		1		10
20-29	7	4	8	8	6	2	3	2	2	5	2	3	3	2	3		1	4			4	7	5	2	83
30-39	3	7	4	7		4	4	2	5	11	9	2	4	2	4	3	3	2	4	7	2	1	5	3	98
40-49	8	7	9	5	3	6	5	5	2	2	7	3	5	5	1	6	1	1	5	6	4	4	10	4	114
50-59	13	10	13	13	9	10	8	7	10	3	4	4	6	6	2	4	7	8	1	4	5	6	9	5	167
60 years old or	11	5	5	4	4	1	5	5	6	5	7	5	6	2	2	8	10	5	4	5	6	5	4	9	129

more																									
total	44	33	40	37	23	23	26	22	25	26	30	17	25	17	12	21	22	20	14	22	22	23	34	23	601

Workers' number of workplace of fatal and non-fatal accidents in hydroelectric plant construction work in 1999-2022

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
9 workers or less	11	15	10	13	10	11	14	10	7	12	11	8	6	4	6	11	9	7	10	12	10	8	15	10	240
10-29	19	11	19	15	8	6	8	6	12	9	13	8	12	8	4	7	6	5	3	8	11	8	8	7	221
30-49	4	5	6	1	1	2	1	4	5	1	4	1	3	2	2	1	5	6	1	1	1	3	7	2	69
50-99	3	2	3	5	3	3	2		1	1	1		3	3		2	2	1		1		2	2	3	43
100-299	6		2	2	1	1	1	2		1	1		1					1				1	2	1	23
300 workers or more	1			1						2												1			5
total	44	33	40	37	23	23	26	22	25	26	30	17	25	17	12	21	22	20	14	22	22	23	34	23	601

Month of fatal and non-fatal accidents in hydroelectric plant construction work in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January	2	3	2	3	2	1	2	3		1	6		1	3		3	2	3	3	3	2		4	2	51
February		4	3	6	1	2	2		2	2	5			3	1	1	1	2	1	1	2	3	2	1	45
March	12	3	1	3	1	1	4		3	3	1	1	4	1	2	2	3	1		2	3	2	1	1	55
April	4		3	2	5		2	1	2	1	3	5					1	4	1	2	4	1	1		42

May	4	4	5	3	1	3		5	2	2	1	2	3		3	5	1	1			1	1		1	48
June	4	1	2	4	1	3	3	1	1	2	1	1			2		2				2	1	3	1	35
July	3	3	4	1		4	1	1		2	1	2	3	3		1	3	1		1	3	4	1	3	45
August		4	2	3	2	1	3	1	2	1	2		4		1	2	1	1	3	2	2	1	13	2	53
September	5	3	7	5	2	1		2	1	3	3		2	4	1	1	3	3	1	2	1	1	5		56
October	4	2	6		4	4	5	3	4	5	1	2	3	2		5	1	2	3	2	1	4	1	3	67
November	4	3	1	6	2	2	2	2	3	4	2	1	1	1	2	1	2	2		3	1	3	2	5	55
December	2	3	4	1	2	1	2	3	5		4	3	4				2		2	4		2	1	4	49
total	44	33	40	37	23	23	26	22	25	26	30	17	25	17	12	21	22	20	14	22	22	23	34	23	601

Prefecture of fatal and non-fatal accidents in hydroelectric plant construction work in 1999-2022

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
Hokkaido	9	2	5		1		4		1	5	2	1	3	3	2	1	1	4	1	2		1	2	1	51
Aomori	2							1	1		1	1		1	1		1		1			2		2	14
Iwate	1	1	1					2		3	1			1				2		1				1	14
Miyagi	1						1	1			2	4								2		2	1		14
Akita					2		1	4												2	1	1	11	1	23
Yamagata			1		4		1	3	1	1											2		2		15
Fukushima	2	1	3						4	1	1		1	1	1	1	1			1	1		1		20
Ibaraki		1			1		1				2										2			1	8

Tochigi									1		1	1													3
Gunma	1	3	1					1										1	1		1	1		1	11
Saitama		2	2				3		1														2	2	12
Chiba	1				2						1			3			1			2		2			12
Tokyo	3						1				2	2	1	2	1	2	1		1	1	1			1	19
Kanagawa			2						3								1					2			8
Niigata	2				1		3	1	2		1		2		2	1		2	1	1	1		4	2	26
Toyama	3		4							1			1	1		2	2					2			16
Ishikawa																							1		1
Fukui														1						1	1				3
Yamanashi		1					1				1						1								4
Nagano	2				1		2						1				1		1	1		1		1	11
Gifu		1	3				2	2	3	1	2		2				1	2					2		21
Shizuoka	2	6	2		2		2	2		1	1					2					4			1	25
Aichi		2							1	1	1			1	1	2		1	2	1	1		1	2	17
Mie										1			1		2	3		1							8
Shiga			1		1				2																4
Kyoto	1									2		1				2				1					7
Osaka								2	1			2	1				2				1				9
Hyogo	1	1	2													1			1				1	2	9

Nara					2						1	1						1		1			2		8
Wakayama		1			1											1									3
Tottori	1		1									1	1												4
Shimane											1									1			1		3
Okayama		3	2		1						2									1					9
Hiroshima	1		1						1	2							1		2	1					9
Yamaguchi		1	1		1				1				1								1	1			7
Tokushima										1	2							2			1				6
Kagawa	2	1	1										1						1			1			7
Ehime	1											1			1						1				4
Kochi							2		2	1	2					1									8
Fukuoka	3		1							1	1		3	2		1	1	3							16
Saga		1					1	1			1	1												1	6
Nagasaki								1									1								2
Kumamoto	1		2					1		1		1	1	1			2	1	1	1		1			14
Oita	2	1			1					3	1						1		1	1	2	5	2	2	22
Miyazaki	1	3	3		2								2												11
Kagoshima	1		1										3		1	1	3				1	1	1	2	15
Okinawa		1					1																		2
total	44	33	40	37	23	23	26	22	25	26	30	17	25	17	12	21	22	20	14	22	22	23	34	23	601

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

Data sources: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html (MHLW, Japan)

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html

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Fatal accidents in hydroelectric plant construction work in Japan in 1999-2022

hydroelectric plant construction work industry Code No.030101

Type of fatal accidents in hydroelectric plant construction work in 1999-2022

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
fall from height	1					2		1				1	1	1	1		2	1		1				1	13
falling to same level																									
crash																									
struck by flying or falling object		1			1								1												3
collapse										1					1									1	3
crashed by													1												1

caught in/between																1		1							2
cut																									
injury to the sole of the foot																									
drown											1					1				1					3
contact to high/low-temperature																									
contact to harmful substance																									
electric shock																									
explosion																									
burst																									
fire																									
traffic accident (public road)																									
traffic accident (others)																									
reaction to motion/improper motion																									
others																								1	1

unclassifiable																									
total	1	1			1	2		1		1	1	1	3	1	2	2	2	2		2				3	26

Causal agents (large) of fatal accidents in hydroelectric plant construction work in 1999-2022

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
machine													1			1		1							3
crane, conveying machine	1							1				1	1				1	1							6
other equipment																								1	1
temporary buildings, establishments						2					1		1	1	1	1	1			1				2	11
substance, material															1										1
load																									
environment		1			1					1										1					4
others																									
total	1	1			1	2		1		1	1	1	3	1	2	2	2	2		2				3	26

Causal agents (middle) of fatal accidents in hydroelectric plant construction work in 1999-2022

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
engine																									
power transmission mechanism																									
woodworking machine																									
construction machine													1					1							2
metal manufacturing machine																									
general machine																1									1
mobile silviculture machine																									
crane													1												1
conveying machine	1							1				1					1	1							5
vehicle																									
pressure vessel																									
chemical facilities																									
welding																									

equipment																									
kiln, caldron																									
electric equipment																									
human power machine, tools																									
tools																								1	1
other equipments, facilities																									
temporary buildings, establishments						2					1		1	1	1	1	1			1				2	11
hazards, harmful substances																									
materials															1										1
load																									
natural environment		1			1					1										1					4
other causal agent																									
no causal agent																									
unclassifiable																									
total	1	1			1	2		1		1	1	1	3	1	2	2	2	2		2				3	26

Causal agents (small) of fatal accidents in hydroelectric plant construction work in 1999-2022

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
engine																									
power transmission mechanism																									
circular sawing machine																									
band sawing machine																									
wood planer machine																									
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine																									
chain saw																									
other woodworking																									

machines																									
leveling, transporting or loading machine													1												1
excavating machine																									
foundation work machine																									
hardening machine																									
demolition machine																									
vehicle for high lift work																									
other construction machines																		1							1
lathe																									
drill press, milling machine																									
grinding machine, buffing machine																									
power press																									
forging pressure hammer																									
shearing machine																									

other metal manufacturing machines																								
centrifugal machine																								
mixer, grinder																								
roll machine (except printingroll machine)																								
injection molding machine																								
food manufacturing machine																								
printing machine																								
industrial robot																								
other general power machines															1									1
felling machine																								
mobile logging machine																								
skyline yarding machine																								
other mobile																								

silviculture machine																									
crane																									
mobile crane													1												1
derrick crane																									
elevator, lift																									
cargo lifting appliance																									
gondola																									
lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane																									
truck	1							1				1					1	1							5
forklift																									
railway equipment																									
conveyor																									
loader																									
straddle carrier																									

rough terrain hauler																									
other powered conveying machines																									
cars, bus, motorcycle																									
railway vehicle																									
other vehicles																									
boiler																									
pressure vessel																									
other pressure vessels																									
chemical facilities																									
gas welding equipment																									
arc welding equipment																									
other welding equipment																									
kiln, caldron																									
industrial dryer																									
other kiln, caldron																									
transmission																									

electric power facilities																									
other electrical equipment																									
human power cranes																									
human power hauling equipment																									
human power machine																									
hand tool																									
ladder																									
slinging tool																									
other tools																								1	1
other equipment, facilities																									
scaffolding						1											1			1					3
timbering																									
stairs, landing stage																									
opening														1	1										2
roof, beam, haze,																									

crossbeam, principal rafter																									
working platform, boot board													1												1
passage																									
building, establishment						1					1					1								1	4
other temporary buildings, establishments																								1	1
explosive substance																									
inflammable substance																									
inflammable gas																									
harmful substance																									
radiation																									
other hazards, harmful substances																									
metal material															1										1
lumber, bamboo																									
stone, sand, substance																									

other materials																									
load																									
machine/equipment as load																									
natural ground, rock		1			1					1															3
standing tree																									
water																				1					1
abnormal environment																									
high/cold temperature environment																									
other environments																									
other causal agent																									
no causal agent																									
unclassifiable																									
total	1	1			1	2		1		1	1	1	3	1	2	2	2	2		2				3	26

Workers age of fatal accidents in hydroelectric plant construction work in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total

19 years old or less													1												1
20-29						1									1										2
30-39																		1		1					2
40-49	1	1								1		1	1	1		2				1				1	10
50-59						1		1					1		1		2							1	7
60 years old or more					1						1							1						1	4
total	1	1			1	2		1		1	1	1	3	1	2	2	2	2		2				3	26

Workers' number of workplace of fatal accidents in hydroelectric plant construction work in 1999-2022

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
9 workers or less					1	1				1		1	1		1	2	2			2					12
10-29	1					1		1			1				1									1	6
30-49		1												1				2							4
50-99													1												1
100-299													1											1	2
300 workers or more																								1	1
total	1	1			1	2		1		1	1	1	3	1	2	2	2	2		2				3	26

Month of fatal accidents in hydroelectric plant construction work in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January		1														1									2
February											1						1			1				1	4
March													1			1								1	3
April													1							1					2
May						1																			1
June								1		1															2
July	1																								1
August												1			1										2
September																		1							1
October														1			1	1							3
November						1									1										2
December					1								1											1	3
total	1	1			1	2		1		1	1	1	3	1	2	2	2	2		2				3	26

Prefecture of fatal accidents in hydroelectric plant construction work in 1999-2022

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
Hokkaido														1		1								1	3

Aomori																									
Iwate										1															1
Miyagi											1														1
Akita																									
Yamagata																									
Fukushima	1																								1
Ibaraki																									
Tochigi																									
Gunma																								1	1
Saitama		1																							1
Chiba																									
Tokyo																									
Kanagawa																									
Niigata															2			1						1	4
Toyama													1			1	1								3
Ishikawa																									
Fukui																									
Yamanashi																									
Nagano																									
Gifu													1					1							2
Shizuoka								1									1								2

Aichi																									
Mie																									
Shiga																									
Kyoto																									
Osaka																									
Hyogo																									
Nara					1															1					2
Wakayama																									
Tottori																									
Shimane																									
Okayama						1																			1
Hiroshima													1							1					2
Yamaguchi																									
Tokushima																									
Kagawa																									
Ehime																									
Kochi																									
Fukuoka																									
Saga																									
Nagasaki																									

Kumamoto												1													1
Oita																									
Miyazaki						1																			1
Kagoshima																									
Okinawa																									
total	1	1			1	2		1		1	1	1	3	1	2	2	2	2		2				3	26

Data sources: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html (MHLW, Japan)

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html